

Title (en)

Improvements in hydraulic anti-skid braking systems for vehicles.

Title (de)

Antiblockiereinrichtung in hydraulischen Fahrzeug-Bremssystemen.

Title (fr)

Dispositif d'anti-blocage pour systèmes hydrauliques de freinage pour véhicules.

Publication

EP 0154542 A2 19850911 (EN)

Application

EP 85301473 A 19850304

Priority

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- GB 8416803 A 19840702

Abstract (en)

In an hydraulic anti-skid braking system of the pump and de-boost type operation of the pump (3) is initiated by an operating piston (3a) co-operating with the plunger (40) of the pump. There is a danger that fluid trapped in a chamber (46) between adjacent ends of the piston (3a) and the plunger (40) by a one-way valve (45) of the pump (3) may cause the pump to operate accidentally. This is prevented by adapting the one-way valve (45) to act as a pressure relieve valve and establish a return path from the chamber (46) to a reservoir (32) when the plunger (40) has moved relatively away from the piston (3a) through a predetermined distance insufficient for the plunger (40) to co-operate with a drive mechanism (5a)

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